

CONTENIDOS CONTROLES MATEMÁTICAS ACADÉMICAS

Lesson 1: Natural numbers

- 01 Operations with natural numbers
- 02 Combined operations
- 03 Round numbers
- 04 Sales problems
- 05 Bar code
- 06 Theory questions

Lesson 2: Powers and roots

- 01 Powers: definitions, calculation.
- 02 Powers of ten.
- 03 Properties of powers. Operations using these properties.
- 04 Square roots: definitions, calculations. Estimation of roots.
- 05 Combined operations.
- 06 Theory questions.

Lesson 3: Divisibility

- 01 Multiples and divisor of a number.
- 02 Divisibility rules
- 03 Prime and composite numbers
- 04 Prime factorization.
- 05 Lcm and HCF
- 06 Tax identification number.

Lesson 4: Integers

- 01 Negative numbers. Opposite numbers. Absolute value.
- 02 Integers.
- 03 Operations: addition, subtraction, multiplication, division, combined operations.
- 04 Powers and roots of integers.

Lesson 5: Decimal numbers

- 01 Decimal form of a number. Rounding decimal numbers.
- 02 Operations with decimal numbers: addition, subtraction, multiplication, division, combined operations, powers and roots.

Lesson 6: Decimal metric system

- 01 Decimal metric system: magnitude, quantity, unit, measurement.
- 02 Units of length. Astronomical units, microscopic units.
- 03 Units of mass and capacity.
- 04 Units of area. Crop and land units.
- 05 Units of volume and capacity.

Lesson 7: Fractions

- 01 Fraction. Types of fractions. Representation on the number line.
- 02 Decimal form for a fraction. Classification of fractions.

03 Equivalent fractions.

Lesson 8: Fraction operations

01 Adding and subtracting fractions. Opposite fraction.

02 Multiplying and dividing fractions. Inverse fraction.

03 Fraction as an operator.